

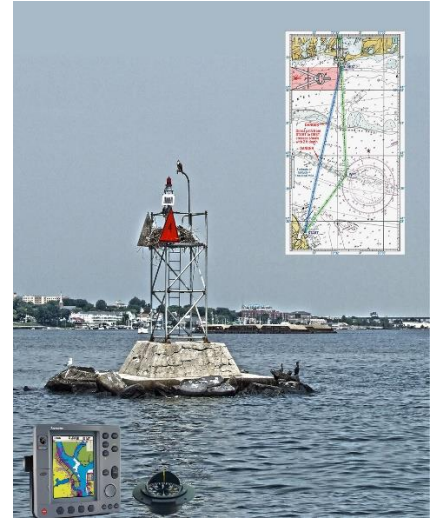
# MARINE NAVIGATION COURSE

**Date:** January 5 – March 2, 2022  
Each Wednesday for 9 weeks

**Time:** Evenings 6:00 PM to 8:30 PM

**Cost:** \$100 for Members or  
\$130 for non-Members  
(only \$10 more respectively for a couple sharing  
the course materials)

**Location:** First Presbyterian Church  
211 W. 2<sup>nd</sup> Street, Washington, NC



## Course Description

You won't ever get lost or run aground when you know marine navigation, whether for short day trips or long multi-day cruises. Learn the essentials of safe coastal and inland navigation using basic GPS in conjunction with charts and other marine data. The *Marine Navigation* course teaches you how to use the GPS along with traditional dead reckoning techniques for planning and laying out safe routes, as well as ensuring that you are on-course while underway.

Topics include:

- Charts and their interpretation
- Landmarks and Navigation aids (buoys, daymarks, lights, etc)
- Plotting courses and determining direction and distance
- The mariner's compass and the converting between True and Magnetic
- Use of GPS – basic GPS displays and information they provide, setting up waypoints and routes, staying on a GPS route
- Pre-planning safe courses and entering them into the GPS
- Monitoring progress and determining position by both GPS and traditional techniques such as bearings and dead reckoning
- The "Seaman's Eye", a simple skill for checking that one is on course

To Register: Contact our PSPS Education Officer, Cathy Karlovich at email [pspsed@gmail.com](mailto:pspsed@gmail.com) or call her at 919-208-1893.



Use Visa/Master Card/PayPal to register and pay. To use PayPal, copy this link into your internet address line, select this event and follow the prompts. **Deadline for registration is 12/29/21**  
<http://www.pamlicosailandpowersquadron.org/index.php/calendar/payment>